

## CLAIM AMENDMENTS

Sir:

In response to the Office Action of November 18, 2003, please amend the claims as follows:

Claim 1 (Currently Amended) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor [and] attached to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally inside the rotor;

the drive magnet hub being laterally movable into and out of the inside of the rotor for varying the distance between the rotor magnets and the drive magnets to increase and decrease the magnetic drive force applied to the rotor magnets by the drive magnets and thereby control torque and speed of the shaft; and

a timing assembly for receiving power and generating power pulses selectively supplied to each rotor magnet.

Claim 2 (Cancelled)

Claim 3 (Cancelled)

Claim 4 (Currently Amended) The magnetic motor of claim 21 wherein the plunger is operated by a hydraulic control mechanism.

Claim 5 (Original) The magnetic motor of claim 1 wherein the plurality of drive magnets each further comprise a magnet coil being longitudinally wound around the magnet.

Claim 6 (Original) The magnetic motor of claim 1 wherein each of the drive magnets further comprises a pair of recharge plates mounted on opposite poles thereof.

Claim 7 (Original) The magnetic motor of claim 1 wherein each of the plurality of rotor magnets further comprises a pair of rotor magnet recharge plates mounted on opposite poles thereof.

Claim 8 (Cancelled)

Claim 9 (Currently Amended) The magnetic motor of claim 1 wherein said timing assembly is driven by said main shaft.

Claim 10 (Previously Presented) The magnetic motor of claim 1 wherein said motor further includes a magnetic motor assembly that forms a chamber in which said drive magnets and said rotor magnets are located and also includes oil supply means to provide cooling oil to said chamber wherein heat is generated during operation of the motor.

Claim 11 (Currently Amended) A magnetic motor comprising:

- a plurality of front rotor magnets positioned along a front rotor attached to a main shaft;

- a plurality of front drive magnets positioned along a front drive magnet hub and located generally adjacent said front rotor magnets;

- said front drive magnet hub being movable with respect to the front rotor magnets for varying the distance between said front rotor magnets and said front drive magnets for increasing and decreasing the drive force applied to said

front rotor magnets by said front drive magnets and thereby controlling the torque and speed of said main shaft;

a plurality of rear rotor magnets positioned along a rear rotor attached to said main shaft;

a plurality of rear drive magnets positioned along a rear drive magnet hub and located generally adjacent to said rear rotor magnets;

the rear drive magnet hub being movable corresponding to the movement of said front magnet hub with respect to said rear rotor magnets for varying the distance between said rear rotor magnets and said rear drive magnets for increasing and decreasing the magnetic drive force applied to said rear rotor magnets by said rear drive magnets and thereby controlling torque and speed of said main shaft; and

a timing assembly for receiving power and generating power pulses selectively supplied to said front and rear rotor magnets.

Claim 12 (Cancelled)

Claim 13 (Cancelled)

Claim 14 (Cancelled)

Claim 15 (Previously Presented) The magnetic motor of claim 11 wherein the plurality of front and rear drive magnets each have a magnet coil being longitudinally wound around said magnet.

Claim 16 (Previously Presented) The magnetic motor of claim 11 wherein each of the front and rear drive magnets further comprises a pair of recharge plates mounted on opposite poles thereof.

Claim 17 (Previously Presented) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor fixed to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally adjacent to said rotor magnet;

the drive magnet hub being movable with respect to said rotor magnets for varying the distance between the rotor magnets and the drive magnets for increasing and decreasing the magnetic drive force applied to the rotor magnets by the drive magnets and thereby controlling the torque and speed of said main shaft; and

said motor includes a cooling oil supply means for supplying oil to said motor magnets and said drive magnets for providing cooling to said magnets during operation of the motor.

Claim 18 (Cancelled)

Claim 19 (Cancelled)

Claim 20 (Cancelled)

Claim 21 (New) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor attached to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally inside the rotor;

the drive magnet hub being laterally movable into and out of the inside of the rotor for varying the distance between the rotor magnets and the

drive magnets to increase and decrease the magnetic drive force applied to the rotor magnets by the drive magnets and thereby control torque and speed of the shaft; and

said drive magnet hub is laterally movable by a plunger.

Claim 22 (New) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor attached to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally inside the rotor;

the drive magnet hub being laterally movable into and out of the inside of the rotor for varying the distance between the rotor magnets and the drive magnets to increase and decrease the magnetic drive force applied to the rotor magnets by the drive magnets and thereby control torque and speed of the shaft; and

said motor further includes recharge means for said drive magnets comprising a stationary commutator associated with said main shaft and drive magnet recharge brushes in electrical contact with said commutator.

Claim 23 (New) A magnetic motor comprising:

a plurality of front rotor magnets positioned along a front rotor attached to a main shaft;

a plurality of front drive magnets positioned along a front drive magnet hub and located generally adjacent said front rotor magnets;

said front drive magnet hub being movable with respect to the front rotor magnets for varying the distance between said front rotor magnets and said front drive magnets for increasing and decreasing the drive force applied to said front rotor magnets by said front drive magnets and thereby controlling the torque and speed of said main shaft;

a plurality of rear rotor magnets positioned along a rear rotor attached to said main shaft;

a plurality of rear drive magnets positioned along a rear drive magnet hub and located generally adjacent to said rear rotor magnets;

the rear drive magnet hub being movable corresponding to the movement of said front magnet hub with respect to said rear rotor magnets for varying the distance between said rear rotor magnets and said rear drive magnets for increasing and decreasing the magnetic drive force applied to said rear rotor magnets by said rear drive magnets and thereby controlling torque and speed of said main shaft; and

said front and rear magnet hubs are each movable by a plunger.

Claim 24 (New) A magnetic motor comprising:

a plurality of front rotor magnets positioned along a front rotor attached to a main shaft;

a plurality of front drive magnets positioned along a front drive magnet hub and located generally adjacent said front rotor magnets;

said front drive magnet hub being movable with respect to the front rotor magnets for varying the distance between said front rotor magnets and said

front drive magnets for increasing and decreasing the drive force applied to said front rotor magnets by said front drive magnets and thereby controlling the torque and speed of said main shaft;

a plurality of rear rotor magnets positioned along a rear rotor attached to said main shaft;

a plurality of rear drive magnets positioned along a rear drive magnet hub and located generally adjacent to said rear rotor magnets;

the rear drive magnet hub being movable corresponding to the movement of said front magnet hub with respect to said rear rotor magnets for varying the distance between said rear rotor magnets and said rear drive magnets for increasing and decreasing the magnetic drive force applied to said rear rotor magnets by said rear drive magnets and thereby controlling torque and speed of said main shaft; and

said magnets are movable by a hydraulic control mechanism.

Claim 25 (New) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor fixed to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally adjacent to said rotor magnet;

the drive magnet hub being movable with respect to said rotor magnets for varying the distance between the rotor magnets and the drive magnets for increasing and decreasing the magnetic drive force applied to the

rotor magnets by the drive magnets and thereby controlling the torque and speed of said main shaft; and

said drive magnet hub is movable by a plunger.

Claim 26 (New) A magnetic motor comprising:

a plurality of rotor magnets positioned along a rotor fixed to a main shaft;

a plurality of drive magnets positioned along a drive magnet hub and located generally adjacent to said rotor magnet;

the drive magnet hub being movable with respect to said rotor magnets for varying the distance between the rotor magnets and the drive magnets for increasing and decreasing the magnetic drive force applied to the rotor magnets by the drive magnets and thereby controlling the torque and speed of said main shaft; and

said motor further includes recharge means comprising a rotor magnet recharge commutator associated with said shaft, rotor magnet recharge brushes which electrically contact the magnet recharge commutator and conductive means extending from said recharge commutator to recharge plates associated with said rotor magnets.

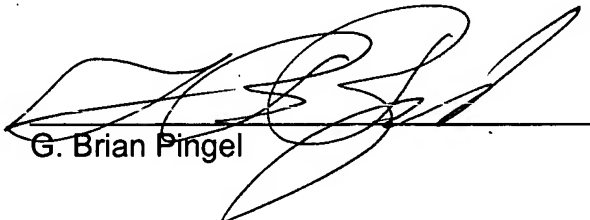


Applicant : Monte Dilliner  
Appln. No. : 10/085,574  
Filed : February 27, 2002  
Title : Magnetic Motor With Movable Rotor and Drive Magnets  
  
Grp./A.U. : 2834  
Examiner : Elkassabgi, Heba  
Docket No. : 14578/0002

Mail-Stop - FEE  
Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this Amendment is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
  
Commissioner for Patents, Mail-Stop - Fee Amendment, Alexandria, Virginia 22313-1450, on **February 18**, 2004, with adequate postage affixed thereto.

  
G. Brian Pingel